


Amendments to the Claims

The following Listing of Claims replaces all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (Currently Amended): A system for providing remote electronic services to ~~an origination network node~~, comprising an agent, an access file, and a communication module, wherein:

 the agent ~~an origination agent residing at the origination network node and configured to receive~~ transmit a request-for-service calls in any format selected from a voice format, an internet format, an e-mail format, and a wireless format, each request-for-service call incorporating one or more control parameters including a destination node address, the agent transmits a request-for-service call to the access file in accordance with a hypertext transfer protocol for each of the received request-for-service calls;

~~a communication module encapsulating processes for communicating with the destination network node over multiple transport facilities; and~~

the access file invokes at least one [[a]] service module in response to a given request-for-service call received from the agent, the at least one service module performs ~~residing on a server computer remote from the origination network node and configured to perform a~~ prescribed function to produce a service deliverable requested in accordance with the given request-for-service call, accesses and to access an instance of the communication module, and passes [[pass]] the one or more control parameters and the service deliverable to the communication module in accordance with a hypertext transfer protocol for delivery to the destination network node; and

the communication module transmits the service deliverable received from the at least one service module to the destination network node specified in the given request-for-service call in any format selected from a voice format, an internet format, an e-mail format, and a wireless format.

Claim 2 (Currently Amended): The system of claim 1, further comprising an wherein
the origination agent [[is]] configured to transmit a [[the]] request-for-service call to the agent
receiving request-for-service calls in accordance with a hypertext transfer protocol (http).

Claim 3 (Currently Amended): The system of claim 2 [[1]], wherein the origination
agent is configured to transmit the request-for-service call in accordance with a hypertext
transfer protocol further comprising an access file residing on the remote computer and
configured to invoke the service module in response to the request for service call.

Claim 4 (Currently Amended): The system of claim 1 [[3]], wherein the access file is
an active server page.

Claim 5 (Currently Amended): The system of claim 1 [[3]], wherein the access file is
configured to obtain one or more control parameters from the given request-for-service call
and to pass the control parameters to the at least one service module.

Claim 6 (Currently Amended): The system of claim 5, wherein the at least one
service module is configured to pass the control parameters to the communication module as
a function call to a COM (Component Object Model) interface.

Claim 7 (Original): The system of claim 1, wherein the communication module is
configured to communicate with the destination network node over any one of the following
transport facilities: a voice network, the Internet, an electronic mail (e-mail) network, and a
wireless network.


Claim 8 (Original): The system of claim 1, wherein the communication module is
configured to establish a communication link with the destination network node based upon
the destination node address.

Claim 9 (Original): The system of claim 1, wherein the communication module is
configured to format the service deliverable produced by the service module in accordance
with an identified node type classification for the destination network node.

Claim 10 (Original): The system of claim 9, wherein the communication module is configured to identify a node type classification for the destination network node based upon a communication received from the destination network node.

Claim 11 (Currently Amended): The system of claim 9, wherein the communication module transmits ~~is configured to transmit~~ the formatted service deliverable to the destination network node.

Claim 12 (Original): The system of claim 1, further comprising a destination agent residing at the destination network node and configured to communicate with the communication module.

 Claim 13 (Currently Amended): The system of claim 1, wherein the at least one service module resides on a first server computer, and further comprising a second service module residing on a second server computer ~~remote from the origination network node~~ and configured to access a second instance of the communication module.

Claim 14 (Currently Amended): The system of claim 12, wherein the at least one service module ~~first and the second service module~~ modules are configured to cooperatively perform respective functions to produce the service deliverable and to communicate through the respective instances of the communication module.

Claim 15 (Currently Amended): The system of claim 14 ~~[[13]]~~, wherein the instances of the communication module are configured to communicate with each other in accordance with a hypertext transfer protocol (~~http~~).

Claim 16 (Currently Amended): The system of claim 13 ~~[[12]]~~, wherein each ~~the first and second service module~~ is ~~modules~~ are registered in a common configuration database.

Claim 17 (Currently Amended): The system of claim 1, wherein the at least one service module is configured to produce an available services list to be presented by the

communication module to a device initiating the given request-for-service call and residing at an [[the]] origination network node.

Claim 18 (Currently Amended): The system of claim 17, wherein the communication module is configured to format the available services list in accordance with a received device type classification for the device at the origination network node.

Claim 19 (Currently Amended): The system of claim 1, wherein the communication module is configured to transmit ~~to the origination network node~~ a request for one or more control parameters to a device initiating the given request-for-service call and residing at an origination network node.

A
2
Claim 20 (Currently Amended): The system of claim 2 [[1]], wherein the origination agent is configured to transmit one or more of the following control parameters with the request-for-service call: an origination address, a security profile identifier, a service identifier, an output type identifier, a destination device address, and data.

Claim 21 (New): The system of claim 1, wherein the agent is operable to receive a voice request-for-service call in a voice format, convert the voice request-for-service call into a hypertext transfer protocol request-for-service call, and transmit the hypertext transfer protocol request-for-service call to the access file.

Claim 22 (New): The system of claim 21, wherein the agent is operable to receive the voice request-for-service call in a VoxML format.

Claim 23 (New): The system of claim 21, wherein the agent is operable to transmit a VoxML service request form in response to receipt of the request for service call.

Claim 24 (New): The system of claim 1, wherein the agent is operable to receive an e-mail request-for-service call in an e-mail format, convert the e-mail request-for-service call into a hypertext transfer protocol request-for-service call, and transmit the hypertext transfer protocol request-for-service call to the access file.

Applicant : Mamoun Abu-Samaha
Serial No. : 09/660,464
Filed : September 12, 2000
Page : 7 of 15

Attorney's Docket No.: 10005392-1
Amendment dated February 6, 2004
Reply to Office action dated November 12, 2003

Claim 25 (New): The system of claim 1, wherein the agent is operable to receive a wireless request-for-service call in a wireless format, convert the wireless request-for-service call into a hypertext transfer protocol request-for-service call, and transmit the hypertext transfer protocol request-for-service call to the access file.

AJ
Claim 26 (New): The system of claim 25, wherein the agent is operable to receive the wireless request-for-service call in a WML format.

Claim 27 (New): The system of claim 25, wherein the agent is operable to transmit a WML service request form in response to receipt of the request for service call.

